



PATENT ABSTRACTS OF JAPAN

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H04B 10/28**H04B 10/26****H04B 10/14****H04B 10/04****H04B 10/06****H01S 3/00****H01S 3/096****H01S 3/133****H04B 10/08**(21) Application number: **07344880**(22) Date of filing: **06.12.95**(71) Applicant: **HITACHI LTD HITACHI
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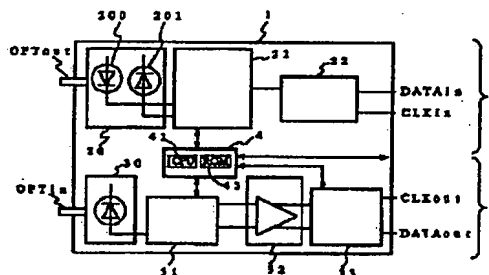
**(54) CHARACTERISTIC INFORMATION GENERATING
METHOD FOR SEMICONDUCTOR DEVICE
MOUNT MODULE, OPTICAL TRANSMITTER AND
LASER DIODE, AND OPTICAL TRANSMITTER**

(57) Abstract:

PROBLEM TO BE SOLVED: To resolve defective extinction and delay in light emission due to difference between a temperature characteristic of a laser diode and a temperature characteristic of a circuit controlling the drive the laser diode.

SOLUTION: The optical transmitter 2 is provided with a nonvolatile storage means 43 storing characteristic information to decide a drive current of a laser diode 200 depending on a temperature and an object optical output. A control means 41 selects the characteristic information depending on the temperature and the object optical output from a nonvolatile storage means 43 to control a drive current supplied from a driver circuit 21 based thereon. Thus, the laser diode 200 is driven without extinction error and delay in light emission.

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IMPORTANT NOTICE **REGARDING AMENDMENT AND DIVISIONAL**

1. Amendment to the Claims

After a final office action issued, an amendment to the claims is strictly limited. Therefore, please keep in mind that the amendment to claim(s) in response to the present office action might be the last opportunity for the applicant to freely amend (broaden, add or change) claim(s) within the original disclosure. (Detailed information is shown in the footnote.)*

2. Divisional Application

Once the patent application is allowed, there is no opportunity to file a divisional application(s). Therefore, if you plan to file a divisional application(s) for any non-claimed subject matters, you should file such a divisional application(s) simultaneously with the response to the present office action.

*** Footnote**

If the reason for refusal is not overcome by the response to the present office action, the examiner may issue a final office action (a "Final Notice of Rejection" or an "Decision for Final Rejection").

The "Final Notice of Rejection" is an office action issued during the examination procedure and therefore, the applicant can file an amendment in response thereto.

On the other hand, the "Decision for Final Rejection" is an office action issued at the end of the examination procedure and therefore, the applicant can not file an amendment in response thereto. To keep the application alive, an appeal must be filed. If the appeal is filed before the Trial Board of the Patent Office, the applicant can file an amendment within a 30-day period from the filing of the appeal.

In this connection, it should be noted that the scope of the amendment filed in response to the "Final Notice of Rejection" or filed within the 30-day period from the filing of the appeal is strictly limited to the following:

- (a) Cancellation of a claim(s)
- (b) Limitation of an element already recited in the claim(s) before the amendment
- (c) Correction of errors, or
- (d) Clarification of an unclear description.